

## WHAT IS CLAIMED IS:

1. A method of verifying the identity of the sender of a telephone call over an Internet Protocol network, said method comprising the following steps:
  - 5 - inserting into a field of a call set-up request frame an encrypted control code containing parameters relating to the identity of a telecommunications terminal from which the telephone call is sent;
  - a remote call management server decrypting the control  
10 code;
  - comparing a parameter extracted from the decrypted control code with corresponding information stored in a database hosted in the server; and
  - setting up the call as a function of the result of said  
15 comparison.
2. A method according to claim 1, further including a step of comparing parameters extracted from the decrypted control code with corresponding information extracted  
20 from the call set-up request frame.
3. A method according to claim 1, wherein the information stored in the database includes an address identifying the terminal.  
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4. A method according to claim 3, wherein said information is transferred from the terminal to the database during a first call sent by the terminal.
- 30 5. A method according to claim 1, wherein the parameters extracted from the call set-up request frame include the IP address of the terminal and the calling number of the terminal.
- 35 6. A method according to claim 1, wherein the control code is produced from an encrypted function of an MAC address identifying the terminal and the IP address of

the terminal.

7. A method according to claim 1, wherein the IP address  
of the terminal is sent by an Internet Protocol network  
5 access provider to a verification module associated with  
the terminal.

8. A method according to claim 2, wherein the parameters  
extracted from the call set-up request frame include the  
10 IP address of a gateway for connecting a private network  
to a telecommunications network and the calling number of  
the terminal.

9. A method according to claim 8, wherein the control  
15 code is produced from an encrypted function of the MAC  
address identifying the terminal and the IP address of  
the gateway.

10. A method according to claim 8, wherein the IP address  
20 of the terminal is sent by an Internet Protocol network  
access provider to a verification module associated with  
the gateway.

11. An installation for verifying the identity of the  
25 sender of a telephone call over an Internet Protocol  
network, the installation comprising a call management  
server adapted to cause the setting up of a call between  
calling and called telecommunications terminals as a  
function of parameters contained in a call set-up request  
30 frame sent by the calling terminal, wherein the  
management server includes means for decrypting an  
encrypted control code inserted into the call set-up  
request frame and containing parameters relating to the  
identity of the calling telecommunications terminal and  
35 means for comparing a parameter extracted from the  
control code decrypted by the decrypting means with a  
corresponding code stored in a database hosted in the

server to authorize the setting up of the call as a function of the result of the comparison.

12. An installation according to claim 11, further  
5 including means for comparing parameters extracted from the decrypted control code with corresponding information extracted from the call set-up request frame.

13. A telecommunications terminal for an installation  
10 according to claim 11, further including a verification module adapted to insert an encrypted control code into a call set-up request frame.

14. A terminal according to claim 13, wherein the  
15 verification module includes means for producing an encrypted function of the address identifying the terminal and the IP address of the terminal.

15. A terminal according to claim 13, wherein the  
20 verification module includes means for producing an encrypted function of the address identifying the terminal and the IP address of a gateway for connecting a local area network to a public telecommunications network.

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